

Abstract of the Disclosure

A suspension system includes an air spring and a shock absorber disposed between the sprung and unsprung portions of a vehicle. A vehicle height sensor sends signals to a control system which adjusts the height of the vehicle by increasing or decreasing the air pressure within the spring. This same air pressure is provided to the shock absorber in order to increase the damping rate for high loads and decrease the damping rate for low loads. The air pressure to the shock absorber is provided to a valve assembly which controls fluid flow between the working chamber of the shock absorber and a reserve chamber.